

DRAFT Data Assessment Team (DAT) Conference Call Notes
12/8/2016 at 11:00 a.m.

Participants: Dan Yamanaka, Bryant Giorgi, Cheng Jie and Farida Islam (DWR), Geir Aasen, Joel Fischer and Trishelle Morris (DFW), RG Fernando, David Fullerton, and Owen Lu (MWD), Josh Gruber(FWS), , , Lucinda Shih(CCWD), Brittany Kammerer(SWRCB), David Fullerton, Barb Byrne(NMFS)

Sacramento River Fish Monitoring

Preliminary Rotary Screw Trap (RST) Report				
Species*	FWS Red Bluff Diversion Dam RST (Estimated Passage)	Glenn-Colusa Irrigation District (GCID) RST (Catch)	DFW Tisdale Weir RST (Catch)**	DFW Knights Landing RST (Catch)
Date	11/18/2016-12/1/2016	12/01/16-12/07/16	11/24/16-11/25/16	11/30/2016-12/6/2016
CHNF	186	2		
CHNLF	3,420	3	4	1
CHNW	14,761	4	18	10
CHNS	13,134	2		4
Ad-Clipped CHN				
SH				
Ad-Clipped SH				
GST			Not Reported	Not Reported
*Chinook race based on length (Frank Fisher model); CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS= Spring run, SH = Steelhead, GST= Green Sturgeon. Species are unmarked unless noted as adipose-fin clipped (ad-clipped). Data subject to revision. ** Numbers represent observations and are not expanded to represent estimated passage.				

* The GCID screw trap was pulled on the morning of November 22, 2016 due to heavy debris and have been resumed on 11/29/2016.

Graphical summaries of the monitoring data collected at the Sacramento River and at other locations can be found at <http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>. In addition, the biweekly passage reports of juvenile salmonids sampled at the Red Bluff Diversion Dam are available at http://www.fws.gov/redbluff/rbdd_biweekly.aspx.

Delta Fish Monitoring update provided from data received from Jon Speegle (FWS):

Preliminary FWS Trawl and Seine Catch Report from 11/27/16 to 12/603/16				
Species*	Beach Seines	Mossdale Trawl	Sacramento Trawl	Chippis Island Trawl
CHNF				
CHNLF				
CHNW	12			
CHNS	4			
Ad-Clipped CHN				
SH				
Ad-Clipped SH				
DSM				
LFS				
SPLT				
*Chinook race based on length (Frank Fisher model); CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS= Spring run, SH = Steelhead, DSM=Delta Smelt, LFS=Longfin Smelt, SPLT = Splittail. Species are unmarked unless noted as adipose-fin clipped (ad-clipped). Data subject to revision.				

Information about the Delta fish monitoring data from FWS can be found at <http://www.fws.gov/stockton/jfmp/>.

Salvage Monitoring update

The following update is provided by Geir Aasen(DFW):

CHINOOK SALMON

Chinook Salmon (NON adipose clipped) were salvaged at the state facility (weekly salvage= 43), but not at the federal facility for the period of reporting.

The seasonal (10/1/2016 to present) salvage totals of all Chinook Salmon at the state facility are 6 adipose clipped (loss= *) and 45 NON adipose clipped (loss= *). See attached reports.

No Chinook Salmon have been salvaged at the federal facility for the 2017 water year.

* Loss for sub-adult unknown race salmon is not included in this report.

STEELHEAD

No Steelhead were salvaged at either facility for the period of reporting.

The seasonal (10/01/2016 to present) salvage totals of Steelhead at the state facility are zero adipose clipped and 4 NON adipose clipped. See attached reports.

No Steelhead have been salvaged at the federal facility for the 2017 water year.

SPLITTAIL

Splittail were salvaged at the state facility (weekly salvage= 9), but not at the federal facility for the period of reporting.

The seasonal (10/01/2016 to present) salvage total of Splittail at the state facility is 13. See attached report.

No Splittail have been salvaged at the federal facility for the 2017 water year.

WHITE STURGEON

White Sturgeon were salvaged at the state facility (weekly salvage= 1), but not at the federal facility for the period of reporting.

The seasonal (10/01/2016 to present) salvage total of White Sturgeon at the federal facility is 4. See attached report.

The seasonal (10/01/2016 to present) salvage total of White Sturgeon at the state facility is 1. See attached report.

No Delta Smelt, Longfin Smelt, or Green Sturgeon have been salvaged at either facility for the 2016-2017 water year.

Smelt Monitoring

Lauren Damon (DFW) reported the following via email:
Fall Midwater Trawl (#4) and Spring Kodiak Trawl (#12) are currently out in the field conducting their December surveys. No Delta Smelt have been caught yet in either of those surveys. Both surveys will be completed by early next week, and data will be available on next call.

Smelt Larva Survey #1 starts on January 3rd. Spring Kodiak Trawl #1 starts on January 9th. The Fall Midwater Trawl is complete for the year after this week, and their abundance indices for Delta Smelt, Longfin Smelt, Threadfin Shad, and Striped Bass should be available via memo by the end of this month.

Smelt Working Group

No Update from the representative

http://www.fws.gov/sfbaydelta/cvp-swp/smelt_working_group.cfm.

Delta Operations for Salmonids and Sturgeon (DOSS) Working Group Update provided by Barb Byrne via the DAT reflector (NMFS)

Highlights from 12/6/16 DOSS meeting:

RPA Implementation

- **Action IV.1.1 (DCC alerts):**

- First alert was tripped on all days over the past week based on Mill Creek and Deer Creek flows.
- Second alert was tripped Tues-Sat of the past week based on Knights Landing water temperature and Wilkins Slough flows.
- These alerts are simply a heads up that fish are likely to be moving and the triggers in Action IV.1.2 could be tripped soon.

- **Action IV.1.2 (DCC operations):**

- The Seine SCI of 3.4 on 11/30/16 triggered a DCC closure per the October 1-November 30 guidelines. Because the DCC gates were already scheduled for closure on December 1 per the December 1-14 guidelines, no further DCC action was required.
- The DCC was closed on the morning of 12/1/16.
- From December 1 to January 31, the gates will remain closed, with limited exceptions.
- Details on daily SCI and KLCI values will be included in the DOSS notes (see URL at end of DOSS update)

• **Action IV.3 (Export Reductions based on salvage triggers)**

- The third alert (November 1-February 23: Knights Landing Catch Index (KLCI) or Sacramento Catch Index (SCI) >10) was not triggered over the past week.
- Since the action went into effect on 11/1/16, no salvage-based triggers that would require export reduction have been exceeded.

Fish Monitoring: Salvage

- No listed salmonids salvaged over past week
- More large (likely 2-year old) salmon observed in salvage over past week -- not assigned to race and don't contribute to any loss density trigger.

Fish Monitoring: RSTs, trawls, seines:

- Continued catch of wild WR-sized and SR-sized fish in monitoring over past week; first FR-sized Chinook now showing up in monitoring.
- Chinook catch in the DJFMP monitoring mainly in the north Delta

DOSS estimates of fish distribution:

Location	Yet to Enter Delta (Upstream of Knights Landing)	In the Delta	Exited the Delta (Past Chipps Island)
<i>Wild young-of-year (YOY) winter-run Chinook salmon</i>	60-70% (Last week: 60%-75%)	30-40% (Last week: 25% - 40%)	0% (Last week: same)
<i>Wild young-of-year (YOY) spring-run Chinook salmon</i>	95% (Last week: same)	5% (Last week: same)	0% (Last week: same)

WY 2017 DOSS notes: http://www.westcoast.fisheries.noaa.gov/central_valley/water_operations/ocapwy2017.html

All things DOSS: http://www.westcoast.fisheries.noaa.gov/central_valley/water_operations/do

Operations update provided by Cheng Jie(DWR):

Preliminary Summary for 12/08/2016			
SWP		CVP	
Clifton Court Inflow (cfs)	5500	Jones Pumping Plant (cfs)	2300
SWP San Luis Reservoir Share (TAF) as of Midnight	674	CVP San Luis Reservoir Share (TAF) as of Midnight	302
San Luis Reservoir Total (TAF) as of Midnight	976	American – Nimbus Reservoir Releases (cfs)	1,250
Feather – Oroville Reservoir Releases (cfs)	2,450	Sacramento – Keswick Reservoir Releases (cfs)	5,500
		Stanislaus-Goodwin Reservoir Releases (cfs)	200
DELTA OPERATIONS			
Outflow (cfs)	~6,000	Delta Cross Channel (DCC) Gates	Closed
Total Delta Inflow (cfs)	~15,610	1 day OMR average (cfs)	-7321
X2 (km)	>81	5 day OMR average (cfs)	-9021
Export/Inflow (%)	43.5(14-day average)	14 day OMR average (cfs)	-9127

Controlling factor(s): Salinity Management

<http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>.

Next Conference Call:

December 15, 2016.

Final DAT notes can be viewed at

<http://www.water.ca.gov/swp/operationscontrol/calfed/calfeddat.cfm>